PIARCO Flight Information Region

Piarco International Airport

Piarco International Airport is one of two international airports in the twin islands of Trinidad and Tobago, located in Piarco, a town in norther Trinidad about 25Km East of the capital city, Port of Spain.

General information

ICAO:	**TTPP**
IATA:	POS
Time zone:	UTC-4 (standard time)
Latitude:	10° 35' 34.99" N
Longitude:	61° 20' 55" W
Elevation:	57 ft
Transition Altitude:	**4,100 ft**
Transition level:	FL055
PIARCO VOR:	**POS** 116.9
PIARCO NDB:	**TRI** 382

No VFR traffic at night.

All medium and heavy jet aircraft with dual tandem landing gear must use turning bay to execute 180 degree turn on runway, except the MD80, DC9, Boeing 727, Boeing 737 and other similar types.

Communications

Name		Frequency
TTPP_ATIS	PIARCO Information	**126.700**
TTPP_DEL	PIARCO Ramp	**121.750**
TTPP_GND	PIARCO Ground	**121.900**
TTPP_TWR	PIARCO Tower	**118.100**
TTPP_APP	PIARCO Approach	**119.000**
TTZP_CTR	PIARCO Radar	**123.700**
TTZP_S_CTR	PIARCO South Radar	**125.400**

Runways

RWY	QFU	length	
10	104°	10495 feet	3199 m
28	284°	10495 feet	3199 m

Approaches

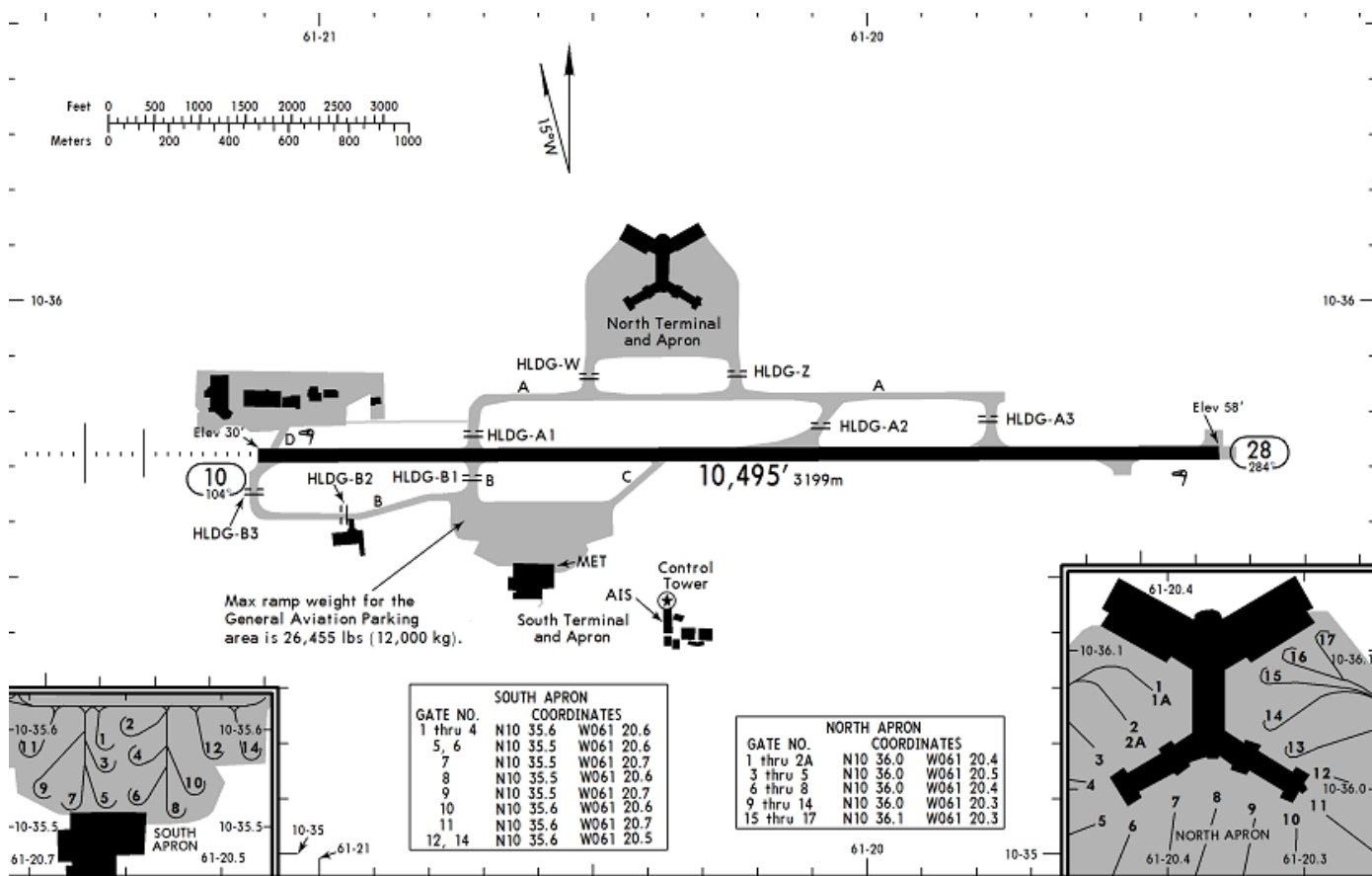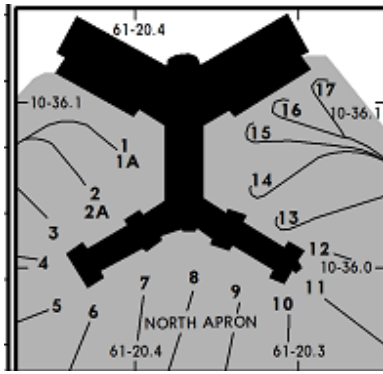**Runway 10**

VOR ILS RWY 10

RNAV RWY 10

Runway 28

RNAV RWY 28

Airport and parking gates

With a 10,500ft (3,200m) runway the airport is large enough to accommodate most international wide-body airliners.

The airport layout consists of one main terminal building on the Northern ramp and a cargo facility to the South (the old and initial terminal building).

SOUTH APRON		
GATE NO.	COORDINATES	
1 thru 4	N10 35.6	W061 20.6
5, 6	N10 35.5	W061 20.6
7	N10 35.5	W061 20.7
8	N10 35.5	W061 20.6
9	N10 35.5	W061 20.7
10	N10 35.6	W061 20.6
11	N10 35.6	W061 20.7
12, 14	N10 35.6	W061 20.5

NORTH APRON		
GATE NO.	COORDINATES	
1 thru 2A	N10 36.0	W061 20.4
3 thru 5	N10 36.0	W061 20.5
6 thru 8	N10 36.0	W061 20.4
9 thru 14	N10 36.0	W061 20.3
15 thru 17	N10 36.1	W061 20.3

Max ramp weight for the General Aviation Parking area is 26,455 lbs (12,000 kg).

Airlines usual parking positions at the North terminal

There are 2 two terminals at Piarco International. Once the passenger terminal for the airport, the south terminal, renovated, today, it serves as the executive terminal along with cargo flights, general aviation and helicopter flights.

Departures

Piarco departure procedure runway 10

All aircraft departing runway 10 Northbound should expect to climb on track 104° until 4100' before commencing their left turn on course.

All aircraft departing runway 10 Southbound should expect to climb on track 104° until 2200' before commencing their right turn on course.

Piarco departure procedure runway 28

All aircraft departing runway 28 Northbound should expect to climb on track 284° until 4100' before commencing their right turn on course. Because of the proximity of Maiquetia (SVZM) airspace that right turn must commence within 20DME of the POS VOR.

All aircraft departing runway 28 Southbound should expect to climb on track 284° until 2200' before commencing their left turn on course. Because of the proximity of Maiquetia airspace turn must commence within 15DME POS VOR.

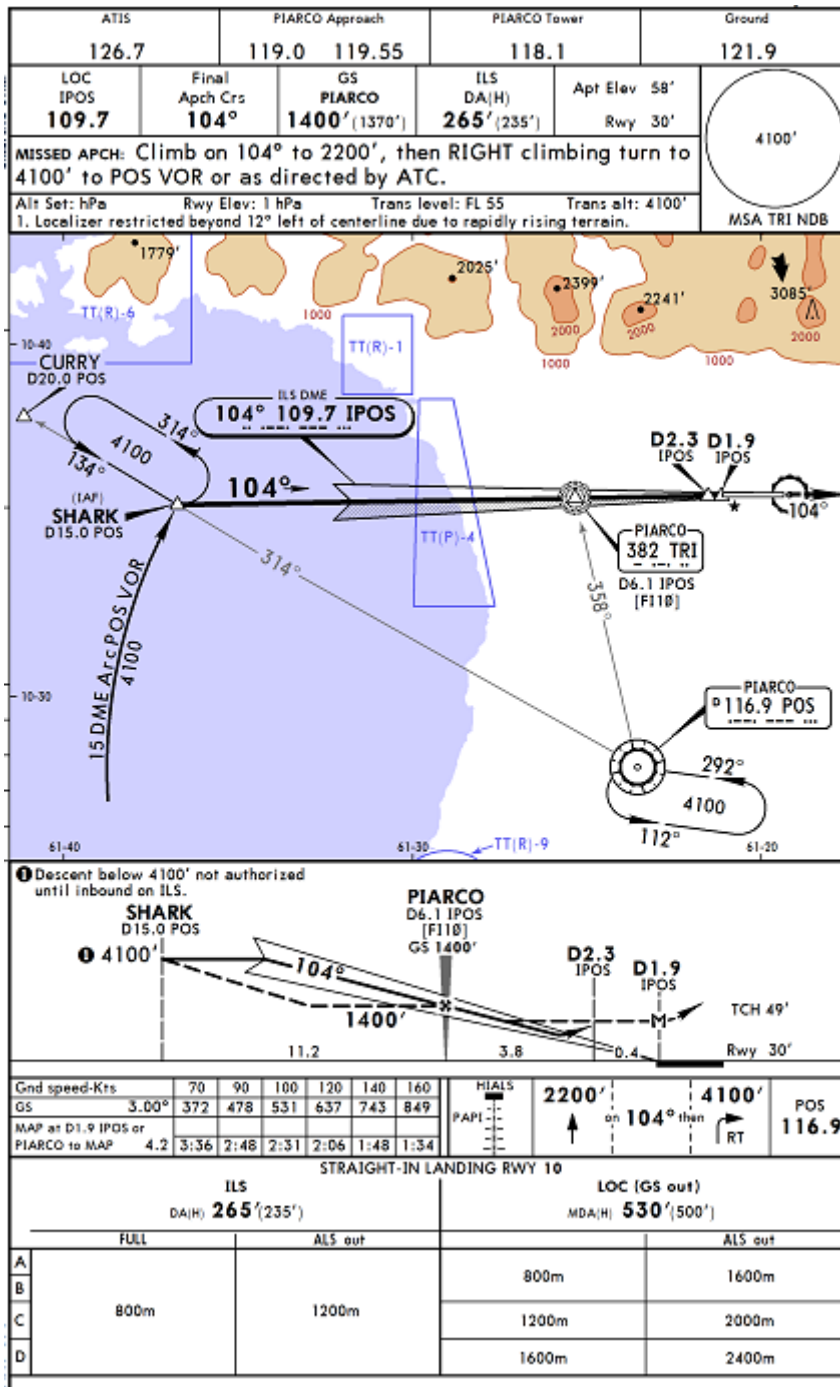*Note: Piarco doesn't offer any Standard Instrument Departures (SID).*

Piarco arrival approaches

Piarco offers a VOR ILS approach for runway 10 only and a RNAV (GNSS) for both runways.

VOR ILS RWY 10

When expecting the VOR ILS runway 10 approach, pilots should expect to the transition fixes SHARK or CURRY at an altitude no lower than 4100'.
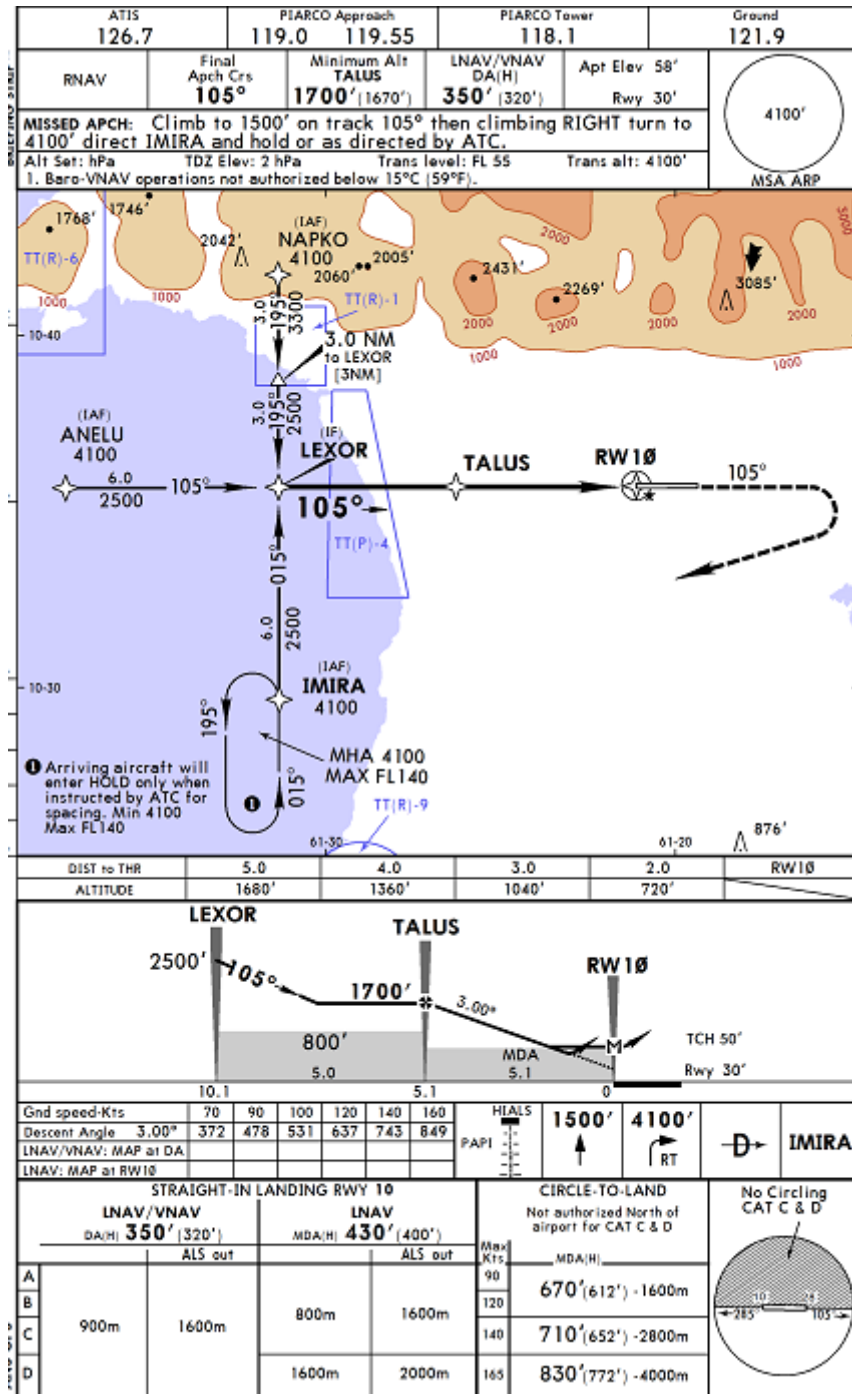
The ILS frequency: **109.70** and identifier: **IPOS** for a final approach course of **104°**.

ATIS	PIARCO Approach	PIARCO Tower	Ground
126.7	119.0 119.55	118.1	121.9

LOC IPOS	Final Apch Crs	GS PIARCO	ILS DA(H)	Apt Elev 58'	
109.7	104°	1400'(1370')	265'(235')	Rwy 30'	4100'

MISSED APCH: Climb on 104° to 2200', then RIGHT climbing turn to 4100' to POS VOR or as directed by ATC.

Alt Set: hPa   Rwy Elev: 1 hPa   Trans level: FL 55   Trans alt: 4100'
1. Localizer restricted beyond 12° left of centerline due to rapidly rising terrain.

MSA TRI NDB

❶ Descent below 4100' not authorized until inbound on ILS.

SHARK D15.0 POS   ❶ 4100'

PIARCO D6.1 IPOS [F110] GS 1400'

104°   1400'

D2.3 IPOS   D1.9 IPOS   M   TCH 49'

11.2   3.8   0.4   Rwy 30'

Gnd speed-Kts		70	90	100	120	140	160	HIALS	2200'		4100'	POS
GS	3.00°	372	478	531	637	743	849	PAPI	on 104° then		RT	116.9
MAP at D1.9 IPOS or PIARCO to MAP	4.2	3:36	2:48	2:31	2:06	1:48	1:34					

STRAIGHT-IN LANDING RWY 10

	ILS		LOC (GS out)	
	DA(H) 265'(235')		MDA(H) 530'(500')	
	FULL	ALS out		ALS out
A			800m	1600m
B	800m	1200m		
C			1200m	2000m
D			1600m	2400m

RNAV (GNSS) RWY10

Commonly used here at Piarco, the RNAV runway 10 has 3 transitions points:

-NAPKO to the North (minimum 4100')

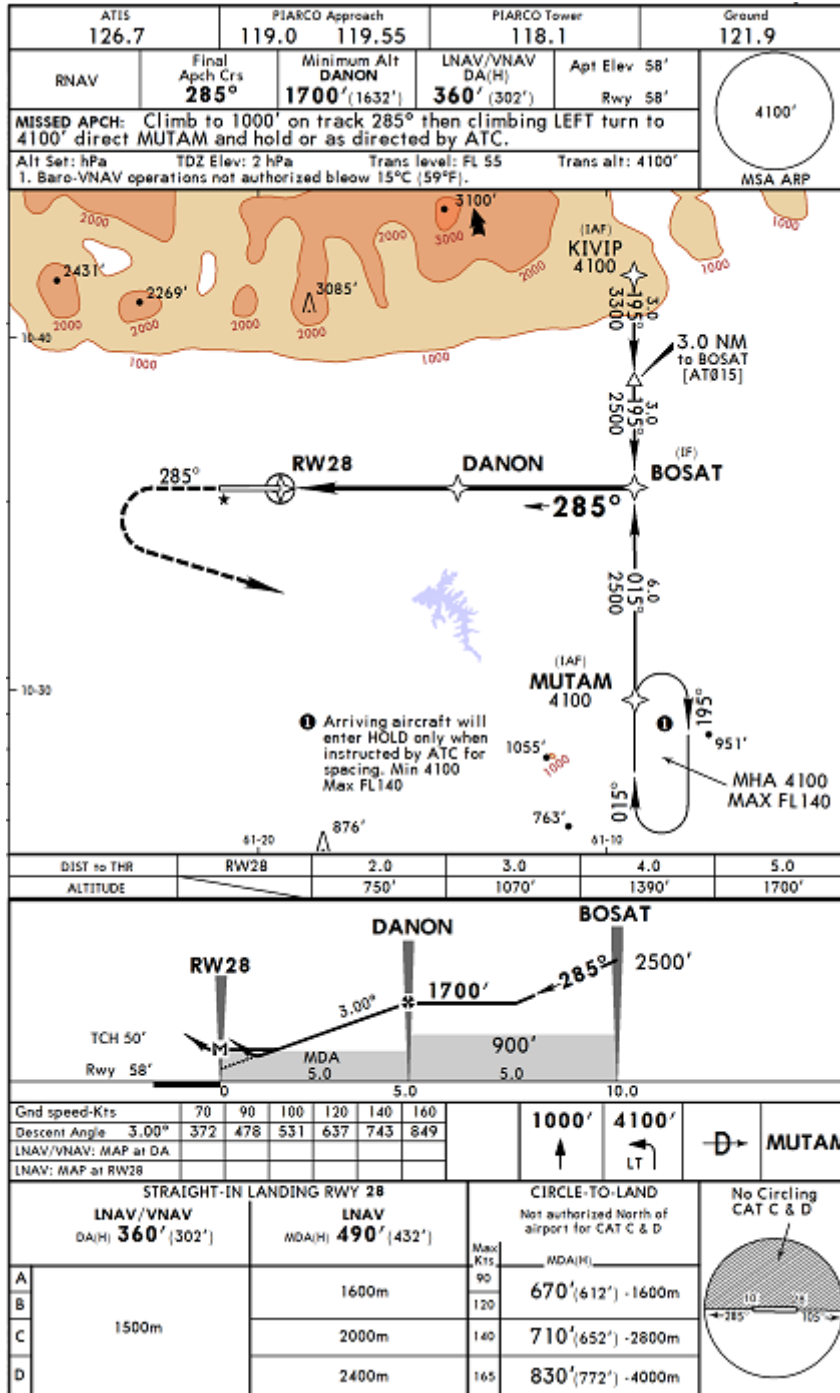-ANELU to the West (minimum 2500')

- IMIRA to the South (minimum 2500')

ATIS	PIARCO Approach	PIARCO Tower	Ground
126.7	119.0 119.55	118.1	121.9

RNAV	Final Apch Crs 105°	Minimum Alt TALUS 1700' (1670')	LNAV/VNAV DA(H) 350' (320')	Apt Elev 58' Rwy 30'	4100' MSA ARP

MISSED APCH: Climb to 1500' on track 105° then climbing RIGHT turn to 4100' direct IMIRA and hold or as directed by ATC.
Alt Set: hPa   TDZ Elev: 2 hPa   Trans level: FL 55   Trans alt: 4100'
1. Baro-VNAV operations not authorized below 15°C (59°F).

DIST to THR	5.0	4.0	3.0	2.0	RW10
ALTITUDE	1680'	1360'	1040'	720'	

Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849

LNAV/VNAV: MAP at DA
LNAV: MAP at RW10

HIALS   1500' ↑   4100' RT   -D→   IMIRA

	STRAIGHT-IN LANDING RWY 10			CIRCLE-TO-LAND	No Circling CAT C & D
	LNAV/VNAV DA(H) 350' (320')		LNAV MDA(H) 430' (400')	Not authorized North of airport for CAT C & D	
		ALS out		ALS out	Max Kts	MDA(H)	
A					90		
B	900m	1600m	800m	1600m	120	670' (612') -1600m	
C					140	710' (652') -2800m	
D			1600m	2000m	165	830' (772') -4000m	

All aircraft should be at 2500' by LEXOR.

RNAV (GNSS) RWY28

The RNAV runway 28 has 2 transitions points:

-KIVIP to the North (minimum 4100')

-MUTAM to the South (minimum 4100')

ATIS	PIARCO Approach		PIARCO Tower		Ground
126.7	119.0 119.55		118.1		121.9

RNAV	Final Apch Crs 285°	Minimum Alt DANON 1700' (1632')	LNAV/VNAV DA(H) 360' (302')	Apt Elev 58' Rwy 58'	4100' MSA ARP

MISSED APCH: Climb to 1000' on track 285° then climbing LEFT turn to 4100' direct MUTAM and hold or as directed by ATC.

Alt Set: hPa TDZ Elev: 2 hPa Trans level: FL 55 Trans alt: 4100'
1. Baro-VNAV operations not authorized bleow 15°C (59°F).

(IAF) KIVIP 4100

3.0 NM to BOSAT [AT015]

285° RW28 DANON ←285° (IF) BOSAT

(IAF) MUTAM 4100

❶ Arriving aircraft will enter HOLD only when instructed by ATC for spacing. Min 4100 Max FL140

MHA 4100 MAX FL140

2431' 2269' 3085' 3100' 951' 1055' 763' 876'

DIST to THR	RW28	2.0	3.0	4.0	5.0
ALTITUDE		750'	1070'	1390'	1700'

BOSAT 2500' **DANON** 1700' 285° 3.00° **RW28**
TCH 50' Rwy 58' M MDA 5.0 900' 5.0 10.0

Gnd speed-Kts	70	90	100	120	140	160
Descent Angle 3.00°	372	478	531	637	743	849
LNAV/VNAV: MAP at DA						
LNAV: MAP at RW28						

1000' 4100' LT MUTAM

STRAIGHT-IN LANDING RWY 28			CIRCLE-TO-LAND	No Circling CAT C & D
LNAV/VNAV DA(H) 360' (302')	LNAV MDA(H) 490' (432')	Max Kts	Not authorized North of airport for CAT C & D MDA(H)	
A			90		
B		1600m	120	670' (612') -1600m	
C	1500m	2000m	140	710' (652') -2800m	
D		2400m	165	830' (772') -4000m	

All aircraft should be at 2500' by BOSAT.

Holding procedures at Piarco TTPP

In the event of ATC needing to hold traffic, pilots can usually expect to be hold at the POS VOR (Piarco) on at left hand circuit.

There are other fixes used for holding traffic depending on the type of approach in use.

Runway 10 in use:

When runway 10 is in use the following holding fixes are to be expected:

-POS VOR
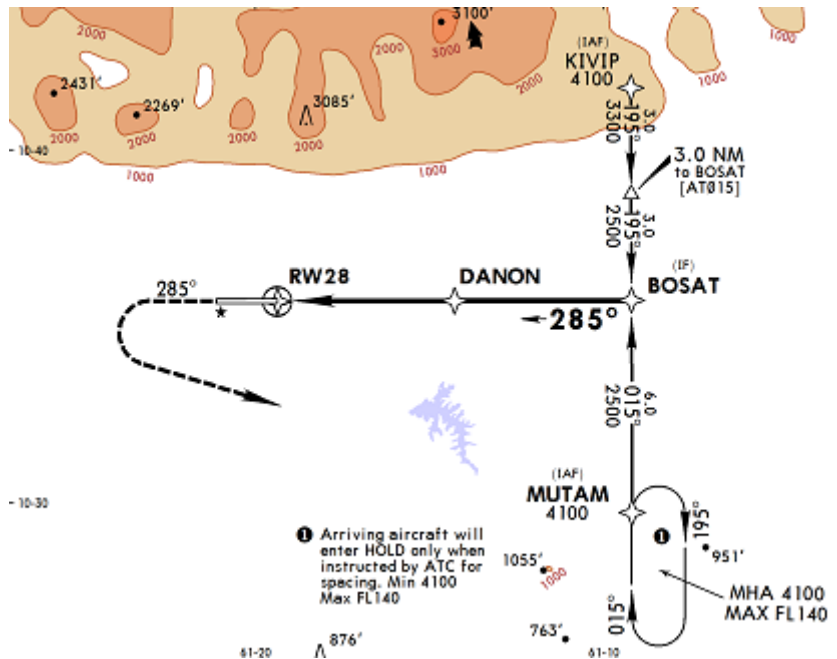
-SHARK for the ILS VOR RWY10

-IMARA for the RNAV RWY10
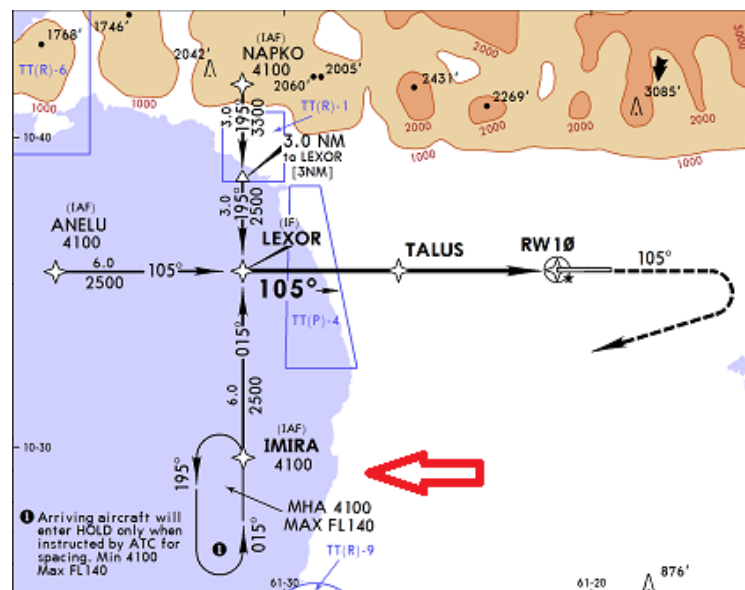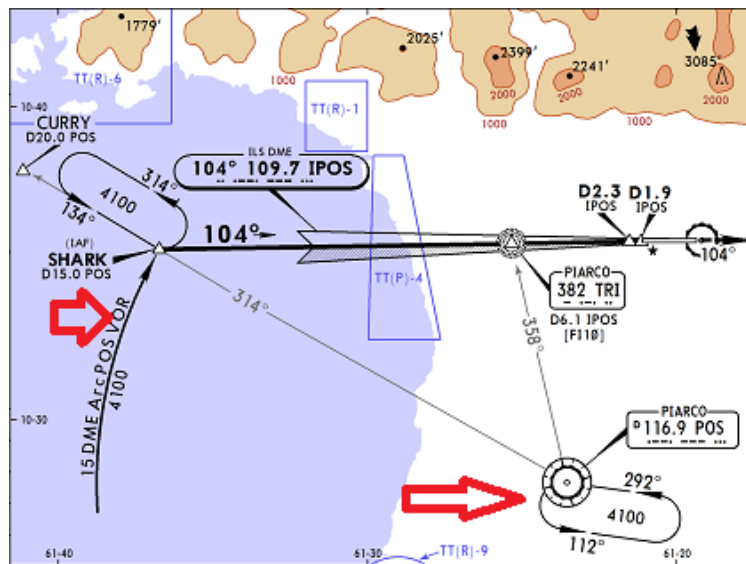
Runway in use 28:

When runway 10 is in use the following holding fixes are to be expected:

-POS VOR

-MUTAM

ATC Clearances at Piarco

Piarco Air Traffic Zone (ATZ) is a **class D** airspace from ground up to 2000ft.

All flights are subject to ATC clearance, yes including all VFR traffic.

At Piarco, the IFR clearance is simple. It is a modified CRAFT method, where the departure frequency is omitted from the clearance.

Here is an example of an ATC IFR clearance at Piarco:

TTPP_GND: Piarco clears JetBlue 1818 to JFK via the UG449 ANADA flight planed route, after departure maintain runway heading until 4100 feet then left turn on course, climb FL070, squawk 7201.

Airlines and destinations

Piarco International Airport has scheduled service to destinations in the Caribbean, the United States, Canada, Central America, South America and Europe.

Passenger

Air Canada Rouge – ROU - Rouge

Toronto–Pearson CYYZ

American Airlines – AAL - American

Miami **KMIA**

British Airways – BAW - SpeedBird

London–Gatwick **EGKK** via St Lucia Hewanorra **TLPL**

Caribbean Airlines – BWA – Caribbean Airlines

Antigua **TAPA**, Barbados **TBPB**, Caracas **SVMI**, Fort Lauderdale **KFLL**, Georgetown–Cheddi Jagan **SYCJ**, Grenada **TGPY**, Havana **MUHA**, Kingston–Norman Manley **MKJP**, Miami KMIA, Nassau **MYNN**, New-York **KJFK**, Orlando **KMCO**, Paramaribo **SMJP**, St. Lucia–Vigie **TLPC**, St. Maarten **TNCM**, St. Vincent-Argyle **TVSA**, Tobago **TTCP**, Toronto–Pearson **CYYZ**

Copa Airlines – CMP - Copa

Panama City **MPTO**

JetBlue Airways – JBU - Jetblue

Fort Lauderdale **KFLL**, New York **KJFK**

LIAT – LIA - Liat

Antigua **TAPA**, Barbados **TBPB**, Georgetown–Correira **SYEC**, Grenada **TGPY**, St. Lucia–Vigie **TLPC**, St. Vincent-Argyle **TVSA**

Surinam Airways – SLM - Surinam

Curaçao **TNCC**, Paramaribo **SMJP**

United Airlines - UAL- United

Houston–Intercontinental **KIAH**, Newark **KEWR**

WestJet - WJT - Westjet

Toronto–Pearson **CYYZ**

Cargo

Amerijet International - AJT - Amerijet

Barbados **TBPB**, Barcelona **SVBC**, Georgetown–Cheddi Jagan **SYCJ**, Maracaibo **SVMC**, Miami **KMIA**, Santiago de los Caballeros **MDST**, Santo Domingo–Las Américas **MDSD**

Ameriflight – AMF - Amflight

Aguadilla **TJBQ**

ABX Air - ABX - Abex

Barbados **TBPB**, Georgetown–Cheddi Jagan **SYCJ**, Miami **KMIA**

Vensecar Internacional - VEC – Vecar

Barbados **TBPB**, Caracas **SVMI**

Mountain Air Cargo -   MTN - Mountain

Aguadilla **TJBQ**

SCENERIES FOR YOUR SIM

XPLANE:

https://forums.x-plane.org/index.php?/files/file/39690-ttpp-piarco-international-airport-2017/

FSX/FS2004

https://secure.simmarket.com/latinvfr-piarco-trinidad-ttpp-(fr_4548).phtml